From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: torell@sicom.com (Kent Torell)
Subject: [5208] (late) solar forcast
Message-ID: <v02130502ad60ff86440c@[192.91.202.41]>

Here is the Canadian forcast for this week and weekend. Looks like a great week for foxy activity...quiet magnetic field. Note predicted geomagnetic activity for next weekend. I think the note on stratospheric warming means increased absorbtion for polar propagation paths....????

WEEKLY STFR FORECAST VALID: 01 March to 10 March 1996
(forecasts here have been updated as of 04 March due to mailing problems)

	10.7 cm	HF Propagation							Mag	Aurora		
	SolrFlx	LO	MI	HI	PO	SWF	%MUF	%	K Ap	LO	MI	HI
Mar 01	072	G	G	F	F	01	00	75	3 07	NV	NV	LO
02	071	G	G	F	F	01	00	75	2 03	NV	NV	LO
03	070	G	G	F	F	01	00	75	2 03	NV	NV	LO
04	070	G	G	F	F	01	00	75	2 05	NV	NV	LO
05	070	G	G	F	F	01	00	70	2 05	NV	NV	LO
06	070	G	G	F	F	01	00	70	2 05	NV	NV	LO
07	070	G	G	F	F	01	00	70	2 05	NV	NV	LO
08	070	G	G	F	F	01	00	70	2 05	NV	NV	LO
09	070	G	G	F	F	01	00	65	3 10	NV	NV	LO
10	070	G	G	P	F	01	-05	65	3 15	NV	NV	MO

NOTE: The background x-ray flux was below class A1.0 levels. Strong minor stratospheric warming continues over Siberia, Alaska and the Siberian-Canadian Arctic. Warm air is spreading northwards. The temperature gradient is reversed between 60N and the pole in the middle and upper stratosphere from 30 HPA upwards.

Report Released by the Solar Terrestrial Dispatch
P.O. Box 357, Stirling, Alberta, Canada, T0K 2E0
Accessible BBS System: (403) 756-3008

INTERNET FTP: solar.uleth.ca (in pub/solar)
INTERNET FINGER: finger solar@solar.uleth.ca
INTERNET WWW: http://solar.uleth.ca/solar

Near-Real-Time Propagation Maps: http://solar.uleth.ca/solar

Kent Torell   torell@sicom.com   602-483-2867 x40
SICOM   7585 E. Redfield, #202   Scottsdale, AZ   85260

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: lbrunson@rodgers.rain.com
Subject: [5196] 2m cw
Message-ID: <9603041728.AA20884@rodgers.rain.com>

|frequencies and have others to work. Have you run across any VHF kit for CW
|only?

There has been some talk from time to time about this. I have not yet built such a rig although I have considered it more and more recently. I am particularly interested in a 5 watt cw transmitter that hit a satellite. I think the rig could be VXO'ed. (crystal controlled with some tuning adjustment... could probably tune 50 to 100 KHz on 2m). That would be cheaper and easier than a PLL rig and more stable than a VFO rig.

There is the T2/R2 combination of rigs that should be able to go anywhere from 1 MHz to 500 MHz. You just have to add a local osciallator of some sort.... and at VHF probably a small pre-amp. I suspect that this will be what will appear in one of the first kits.

See you tonight on the net.

Lowell

Lowell Brunson - KC7DX - (503) 681-0417 (work)
Rosenet: lbrunson@roland.co.jp
Internet: lbrunson@rodgers.rain.com
           lowell@teleport.com

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: "Ted Kell" <tkell@nyx.net>
Subject: [5182] 49er
Message-ID: <9603041342.AA03225@nyx.net>

     Was Sent:

     I am getting an annoying oscillation from the rig that seems to be local,
          i.e., it don't go far enough to be carrier noise. Is the VXO that
powerful?

          Neat little rig, and fun to build. Got it all in the box, and the lid

even
shuts :).

If anyone has build it and has tips on alignment that I may be missing,
please e-mail
me direct.
73,
Bob KI7MN NorCAl #1228, qrp-ARCI #8918, qrp-l #271

Also put it on the list.

72

Ted

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: KFGlynn@aol.com
Subject: [5190] 624 Kits' Address
Message-ID: <960304114938_437640365@mail04.mail.aol.com>

Hello gang,

Does anyone have 624 Kits' address, phone number and/or e-mail address?

Thanks.

73 Kevin KB2TEO

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [5191] addr/fone for 624
Message-ID: <199603041723.AA08665@aplo1.spd.dsccc.com>

Kevin, KB2TEO, requested the addr/phone number
for 624. I just happen to have saved it from
KE3FL/Phil's posting a little while back.

624 Kits
171 Springlake Dr.
Spartanburg SC 29302
P: 803-573-6677

Have a good day, y'all!
Charles
--
+ - +
| Charles Cashion   w.214-519-2583   h.214-881-0952 |
| AC5GT   ARRL   NorTex#116   NorCal#1320   QRP-L#76 |
| CW? homebrew xcvr? QRM? homebrew antenna? QRP? headache? |
| Gosh!... It don't get no better than this! |
+ - +

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [5198] ARRL SSB DX TEST...QRP
Message-ID: <013.02705781.SYDV00A@prodigy.com>

Congrats Paul et al who slugged it out with the QRO boys. Was quite a challenge but even with condx such as they are these days results were much better than expected.

Single operator:NQ7X
Operating time: 6.5 hours total
Equipment: TS850S/AT, W9GR DSP, HB W7EL Wattmeter, 10W out.
Antenna: 3 Element Triband 10/15/20 @ 45'

Band	QSO	QSO PTS	PTS/QSO	COUNTRIES	
20	24	72	3	18	
15	20	60	3	10	
10	2	6	3	1	
	---	---	---	-----	
	46	138	3	29	TOTAL= 4002

I was primarily looking for new ones, NOT score, and picked up 13 new ones for new total of 76 QRP countries since April 95 when I first got into QRP. Didn't use dupe sheets or computer as was not expecting to work that many. Best run was 10Q in 29min ;-) but average was 85min/Q :-(. Patience and persistence, as you all know, is THE prime requisite (especially in the xyl). Of course the beam also helped.
All the operators I heard were very courteous, no bickering or bad language as heard in the past..and most had good ears.
Best 73
Floyd NQ7X....Phoenix ScQRPion

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996

From: Nick Franco <kf2ph@bnl.gov>
Subject: [5211] Brain Dead Again! GSVIEW Files
Message-ID: <313B6FA0.629F@bnl.gov>

Sorry Gain, I forgot to tell you the critical file you will need.

GS353FN1.ZIP
GS353INI.ZIP
GS353W32.ZIP
GS353WIN.ZIP

I picked up GSVIEW32.ZIP separately, but it might be included in the
GS353WIN.ZIP file. This file list is for 32 bit PC O/S's like Win'95.

72
--
Nicholas J. Franco   <><   BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist   RHIC Project - Building 1005 - Room 201
Tel: (516) 344-5467 Fax: (516) 344-3674   UPTON, N.Y. 11973-5000
Email: kf2ph@bnl.gov   http://www.rhichome.bnl.gov/People/franco

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: RobCap@aol.com
Subject: [5185] Cascade for Sale
Message-ID: <960304094645_237142043@emout08.mail.aol.com>

For Sale: Unbuilt Norcal Cascade kit (SSB for 75 meters and 20 meters). Call
Albert, KI6UY, at 818-342-9467.

(I'm not Albert, so please do not E-mail me. I have posted this message at
his request.)

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: David Adams <dave@flowserver.stem.com>
Subject: [5206] Expanding the resume
Message-ID: <9603042030.AA03622@flowserver.stem.com>

Greetings! Well, I'd like to formally thank the list and NorCal club
for getting me to give the soldering iron another chance. Back when
I was living in Indiana, my general soldering experiences ended with
smoke and fire. I'd given the whole "building" idea up.

Well, I moved to California and, what can I say? You can't hang out with

the qrp group and not get bitten. As you may recall, I bought the explorer kit. I read a book on how to properly solder. I gave it a go...it fired up fi first time. I then pulled out my boatanchor collection and started doing all those restorations I had meant to do. I built a heathkit. I'm in the middle of building a heath 2m rig, an article based, homebrew 15m rig, a 49er, and have a cascade on the way. I'm even looking at putting together a 2.4 rig.

What does this have to do with a resume? Well, I live in an apartment, so needless to say, I have quite a few radios ending up at work. Well, we use our own in-house manufactured high speed flow cytometry equipment. Our engineering department is short on manpower, though and has trouble keeping up with the demand for new machines. Well, after noticing and discussing my radios a few times, my job description has changed slightly. I'm not only doing my research (cancer and hiv transplant/gene therapy for those interested), but 2 days a week, I know go over to the engineering site and build cytometers. Circuit boards, panels, machining parts, you name it. I am learinging every aspect fo the manufacturing process and what a lab I now have access to!! A Workbench to die for...and it looks GREAT on the resume...

Thanks guys....

dave

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: vhatley@usa.pipeline.com (Vernon Hatley)
Subject: [5205] FS: T-T Century 21
Message-ID: <199603041922.OAA24406@pipe10.h1.usa.pipeline.com>

FOR SALE:

Ten-Tec Century 21, with matching crystal calibrator. Both are in MINT condition. No scratches, dents or dings. Have original manuals for both and original bill of sales. Both work perfect. This rig has only worked about 30 DX countries so there is plenty of DX left in it. :-) Makes very nice QRP rig too. $250 for both shipped to the lower 48. E-mail direct if interested.
--
KK5RO   OHR Explorer II
Vernon A. Hatley   Ten Tec Century 21
QRP-L #325   Butternut Vertical

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Nick Franco <kf2ph@bnl.gov>

Subject: [5210] GHOSTVIEW for Windows, NT, 95
Message-ID: <313B6ED7.589E@bnl.gov>

Hi y'all,

Hope it's OK for a LIer to greet you guys like that (hi).

I just downloaded and installed the Ghostview program that run under Windows, Windows95, and NT from the Aladdin site. For ftp access:

ftp://ftp.cs.wisc.edu/ghost/aladdin/

or ftp.cs.wisc.edu cd /ghost/aladdin

You need several files all downloaded into a staging directory like TEMP. unzip each zipped file into this directory and then run the Winsetup.exe program. It will build the appropriate directories to install into and run from. You can then go to Options - General - Helpers in Netscape and select browse for eps,ps,... file types and select the \GSVIEW (default) directory and the GSVIEW32.exe program. If you did everything right, you will be able to view postscript files from within Netscape and also have a window on the desktop to view and print postscript files from within your favorite Windows platform.

>From the WWW the URL is:

http://www.cs.wisc.edu/~ghost/ghostscript/obtaina.html

>From here you can get to all files for UNIX, DOS, WINDOWS, OS2

It's a little rough getting everything. You have to move around a little.

I've used the old Ghostview for a while but have not been able to since I went to '95 in October. I finally got caught up. I know this has been a topic of the group here in the past and figured you might like to get your own copy.

72/73

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000
Email: kf2ph@bnl.gov http://www.rhichome.bnl.gov/People/franco

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: JCoote@aol.com
Subject: [5216] Help wtd: Efficient hi-angle antenna ideas.
Message-ID: <960304223251_341216632@emout04.mail.aol.com>

Our old Barker & Williamson AC 1.8-30 antenna on top of my EOC seems to have a high SWR on 160 and we were getting lousy reports on 160 through 40 meters. Anyone have experience with these terminated half-rhombics? I think I want to replace it.

I was looking at the newer B&W terminated folded dipole antenna thingie for 1.8-30 MHz. I called B&W and they say Red Cross, NATO, US military and others love these for HF communications. One interesting thing, I read about a similar-looking antenna in the Hy-Gain/Telex catalog and it was only something like 30% efficient from 4-30 Mhz and worse below 4 MHz. Anyone have experience with the B&W folded dipole and it's efficiency?

My other options may be to give up wideband terminated antennas and feed a 200' doublet (I have the room) with twinlead, or to build a trap or fan dipole with elements for 160, 80 and 40 meters.

I do a little QRP work from our Emergency Ops Center, but we also need good high-angle (NVIS) coverage on 2, 4 and 7 MHz for what we do.

Your comments by email are welcome.

73, Jay
WB6AAM

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov
Subject: [5200] INFO NEEDED: TEMP OPERATING IN SPAIN
Message-ID: <9602048259.AA825978971@ccmail.gsfc.nasa.gov>

Would anyone have information or conections concerning aquiring temporary operating license for SPAIN....

Around July, 1996 I will be traveling to the CANARY ISLANDS with NASA. We will be operating out of a mobile van that will have HAM gear. ICOM-736 and linear into an R-7 mounted on top of the van. We should be there a couple of months and wish to work cw, phone and qrp in spare time.

I've contacted the Spanish Embassey in D.C. However, the people really had no idea how to obtain the nessary permissions and paper work. Before I make a very long distance call to SPAIN, I thought I'd

try the "INFORMATION SUPERHIGHWAY"!?!

I hope a DX-peditioner GURU type might read this and help get this mission going.

de Rich

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5213] KL7 QSO Party
Message-ID: <199603042344.RAA12513@chuck.dallas.sgi.com>

Last night I was on 40M and heard someone call a KL7.
I jumped when I heard the KL7 comeback at 559 level.
Settled down when I learned he was in Seattle. Close.
:-)

Looking in the March Issue of WorldRadio, page 60.

ALASKA SSB/CW QSO PARTY

23 March 0000UTC - 24 March 2400UTC

(RS/RST+City if KL7 or RS/RST+state/prov/country for non-AK)

Q 1x per mode. Q KL7 only.

KL7s Q KL7 and non-KL7. ***1.8-28MHz*** (my ***'s)

Score-pts(1 SSB; 2 CW,Digital, SSTV; 160, 80, and SAT Qs count double) x Mults(KL7 cities Qd or for KL7 stations st/provs/DXCC countries).

Certificates. KL7CC

You know where I'll be for 24hrs. I starred the freq range 'cuz I'm hoping for 30M for one of five needed there. So add the above to the calendar posted earlier last month. Another miniature propagation study. :-)

Did anyone catch what WA3NNA did? Speaking of propagation.

dit dit

--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Dan Reynolds <bcdlr@midwest.net>
Subject: [5215] Looking for setup program for Wang 240
Message-ID: <199603050323.VAA21291@cdale1.midwest.net>

Anybody have a setup program for a Wang 240? It is a
PC/terminal/workstation - whatever. Generic AT setup programs won't get it
all. Or any other ideas?
email: bcdlr@midwest.net
Peace+
Dan Reynolds, bcdlr@slip.net, KB9JLO

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Doug Hendricks <ki6ds@teles.org>
Subject: [5202] March NorCal Meeting Report
Message-ID: <313B4B8A.718@teles.org>

The March meeting of the NorCal QRP Club was held at the California Burger
Restaurant off the Santa Rita Road exit between Livermore and Pleasanton.
We had one of our larger turnouts and it was a great time. The weather held
off raining until about midway through the meeting, so we were able to
peruse the offerings at the Livermore Swap before we got down to the fun part
of the day, the QRP meeting.

We had several guests who traveled a long way to come to the meeting. Bruce
Gelately, VE7ZM came down from Vancouver Island in British Columbia. He made
his vacation plans so that it coincided with the meeting. Bruce is the
designer of the California Board SSB transceiver that was featured in QRPp
last year and a member of the BC QRP Club, which is world famous for their
work in SSB QRP design and development. Bruce is an old friend of mine, and
it was a pleasure to see him again.

David Maliniak and Vince Passione, two of the forces behind the New Jersey
QRP Club are in the bay area to attend a convention. Naturally they came a
day early so they could attend the meeting. This was Dave's second trip and
the first for Vince. They both enjoyed the meeting and told me that the NJ
QRP Club is modeled after the NorCal group, (NO business meeting, informal,

etc.).

The guy that takes the prize for the greatest effort to be at the meeting had to be Ed Burke, KI7KW. Get this one. Ed planned on coming to the meeting in February, but was unable to come due to ice storms in Portland. He was worried that he would not be able to get back for work on Monday. So he had to postpone his trip. Thursday he returned from a trip to Germany for the company. Sunday morning, Ed caught an Alaska Airlines flight from Portland, flew to Oakland, rented a car and came to the meeting!! He flew back after the meeting was over, so the entire purpose of the flight was to come to a NorCal QRP Club meeting.

Ed is a master craftsman when it comes to building QRP gear. He brought 4 pieces of QRP gear that he had built. One was the Cascade, but not just any Cascade. This one had been modified for a digital display that reads the correct frequeny for both 75 and 20 meters just by switching band modules. There will be an article in the June issue of QRPp. His second project was a NorCal 40 in a home brew package. It was absolutely a work of art. He has several mods and a custom homebuilt cabinet that is solid as a rock. The third item was an antenna tuner in a package that matched the NorCal 40. I have saved my favorite for last. Ed has taken the Sierra and built it on perfboard with point to point wiring on 20 meters only. The package is about the size of a NorCal 40, but is on 20 with all of the features of a Sierra. As far as I know, no one has done this other than Ed. What a great idea, take the Sierra and make a singal band rig if you have a band that you want to concentrate on. The packaging was beautiful. It was made out of .062 aluminum, and it looked professionally done. The neat thing was the 10 turn pot and 10 turn dial. Ed found a source for a miniature 10 turn pot, it is about 1.25 inches long by .5 inches in diameter. He found a matching turns counter that is about 2/3 the size of a normal turns counter. It makes the package.

I gave Dave Meacham, W6EMD the parts to design the front and rear panels for the St. Louis Tuner. Here is the update on the tuner progress. When Dave finishes the layout, I will take them to the case fabrication house and place the order for the cases. The circuit boards for the SWR bridge and Dummy Load have been ordered from FAR Circuits. Lead time is about 3 weeks. (It takes a while to produce several hundred boards.) When we get the cases, boards, we will then kit the tuner and ship. As Jim says, it will be ready when it is ready, but it looks closer every day. Please be patient. Shipping was advertised as Spring delivery, and we should make that. And, let me remind you that all of the work done on NorCal kits is done by club volunteers. No one is getting paid, that is why the kits are cheaper. The air variable caps came in Thursday from the supplier. They are very nice and I think well worth the effort and expense it took to obtain them. They were the hold up for the design of the front panel. We had to have the parts to design the panel.

We also had parts kits for the 49er transceiver. I took 25 without boards to the meeting, which I had done at 11 PM Saturday night, and they quickly sold out.
The response to the 49er project is astonishing. We ordered 100 boards, they sold out in a week. I ordered 250 more when we decided to do the kits. We should get them in about 10 days. Jim handed me a stack of kit orders Sunday and we had an order for 20, 17, 40, from clubs plus 25 full kits and 20 partial kits (from those who already have the board). This is all from the announcement on the QRP-L on the internet. Remember that most of our members have not seen the announcement of the 49er.

If you have not heard of the 49er, here is the scoop. It is a 40 meter transceiver with the following:

* Circuit Designed by Wayne Burdick, N6KR
* Runs on any DC voltage from 7 to 12V
* Power output of roughly 250mW at 9V, 500mW at 12V
* VXO covers about 5kHz (7.037 - 7.042 with 7.040 crystal)
* Full QSK - really helps when your using low power
* Very low current drain: 10mA receive, about 70mA transmit at 9V
* One simple alignment
* No toroids to wind
* PC Board designed by Doug Hendricks, KI6DS

NorCal has boards available for $5 postpaid. Or, you can order a parts kit with all on board components, cystal and pc board for $25 post paid in US, $30 DX. The board is drilled, plated and silk screened. The kit comes complete with a 6 page manual that has building instructions, parts layout diagram, pcboard artwork, full page schematic, and drawings of every part. (My wife, who had never touched a resistor or capacitor was able to take the parts drawing page and correctly identify every part). The kit is ideal for someone who has never built anything before. The board is 2 x 2.6" and will fit inside an Altoids tin with room to spare. The builder will need to supply hookup wire, jacks for audio, key, power and antenna, and the case.

To order the boards or kit: Send check or money order made out to Jim Cates, NOT NorCal to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please include a short note stating what you are ordering. Also, it helps if you can include an address label filled out with your return address.

Bil Paul also took a group picture of the guys at the meeting. I can't wait to get a copy and print it in QRPp. It will be interesting to see if we can identify everyone in the picture.

Vern Wright, W6MMA had one of the loop antennas that was featured in the

Feb. issue of QST. It is a true table top antenna for 75 meters. He has made one contact on it to LA, and says that it hears great, but really does not work that well on transmit. He will be doing more research and let us know the results.

It was a great meeting. Lots of show and tell, visiting and just QRP fun. I want to invite all of you to attend one of our meetings if you are in the bay area on the first Sunday of the month. We would love to meet you and share QRP information with you.

72, Doug, KI6DS

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: mihry@topher.net (michael ihry)
Subject: [5199] new op
Message-ID: <199603041824.MAA02472@mail.topher.net>

hello

call is ac5ct. wud like to make scheds for cw qrp. goal is w.a.s. on

cw qrp. e-mail is mihry@topher.net

73

de ac5ct...mike in tx

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: ROWLETT_D@hccs.cc.tx.us
Subject: [5184] QRP Backpacking Trip
Message-ID: <4545390804031996/A01177/ADMIN/11A322271000*@MHS>

Greetings, QRPers --

Just a note to let everyone know that the famous Troop 404 of Brookside, Texas, will be backpacking this coming weekend, March 9, 10, and 11 in the Texas Hill country at Hammond Scout Ranch and Hill Country State Park (near San Marcos on the Devil's Backbone). We will be on the air with a Tokyo Hy-Power HT750 (3 watts) on 40-meter SSB Saturday night and Sunday night, starting at around 6 p.m. central time. Antenna will be a 40-meter dipole as high in the trees as we can get it (lots of scrub oak and cedar in that country, so it won't be too high). We may also do some operating in the

mornings from about 6 a.m. to 9 a.m. before we hit the trail for the day's hike (the antenna is always the last thing to come down when we break camp).

Preliminary plans are for us to start on 7.285 and see whether the QRM will let us operate. If that proves too rough, we'll move down the band to around 7.185 If anyone has any suggestions for better frequencies, please let me know. Sorry guys -- no CW this time around because we'll be with a bunch of nonHams and trying to get them interested in studying for their licenses, and they need to hear voices.

We may also try a little 15 meters using the 40-meter dipole in the mornings if the band is open -- try around 21.385. Suggestions? (See the article we had in the October 94 issue of QST for more details on the Troop and the backpacking rig.)

Yours in Scouting AND Ham Radio --

Doug Rowlett
WB5IRI
Scoutmaster, Troop 404
rowlett_d@hccs.cc.tx.us
http://www.hccs.cc.tx.us/swc/htmls/rowhtml/paradox

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5212] QST March p.47-48
Message-ID: <199603042322.RAA12436@chuck.dallas.sgi.com>

Gang,

I don't remember seeing anyone mention this, but there is a possibility that due to down time on the computer at work it may have slipped by.

Richard H. Arland, K7YHA, a member of this group wrote a nice article in the above QST on "Low-Power Contesting". Nice article and a must read for many including QRO types. :-)

Photos of Buck Switzer, N8CQA, Pres of QRP ARCI and Randy Rand, AA2U.

Also another photo of Randy's impressive antenna system with a 90' (~30m) crank-up tower with two KT-34XAs, two-element 40M Yagi and beams for 12, 17, and 30M. Last but not least is a 80M full-wave loop. No wonder the kid has 8-band

DXCC QRP!!!

I don't want to hear anything about ERP!! :-)
With 5W or less out the RF plug to the rest of
the antenna system you are operating QRP. Any
advantage gained thereafter is part of the big
picture.

A very nice picture of the setup at AA2U's QTH.

The three most important parts of a QRP setup:
1. Receiver, 2. Antenna, and 3. Operator.
You pick the order. I think the antenna is
#1. Why? You can take a fantastic receiver
and put it on a dummy load and it doesn't
do you any good. Run this test - put your
receiver on an antenna with a tuner: and then
detune the antenna. What happens? If you
can't hear 'em you can't work 'em. This outta
bring out the flame throwers. :-)

Was on 40M this a.m. (someone on this group
heard me in NY). I was listening up and down
the band and didn't hear any strong sigs and
it wasn't crowded, so what the hey let's call
CQ. Back comes a VE3 who was pounding the
front end of the SWL-40 (a.k.a. NE-4040 and
NN1G xcvr). Work him and then call CQ. Once
again another VE3. Had the pipeline north
going this a.m. Had to check out the SWL-40
after hauling it to 8-land and back to make
sure the baggage handlers didn't do it any
harm. Looks like it survived.

OK, back to your regularly scheduled program
in progress.

dit dit
--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: fred@ott.net (Fred Ringwald)
Subject: [5193] Ramsey Stomping etc.
Message-ID: <199603041738.LAA05016@is.ott.net>

I am pleased to hear that Bob (AE4IC), and Bruce (N9JCV) have had better luck with the Ramsey Kits than I did. Perhaps I selected the wrong kits. If I had selected the kits and had the experience they did, perhaps I would share their views. I don't *want* to stomp any vendor, as it is nice to have many good choices. I will accurately characterize my experience when it seems relevant, and my experience with Ramsey has not been good.

I will also say that I bought an assembled Ramsey frequency counter, and haven't had a day's problem with it in over 7 years. It wasn't a kit, however, so I can't use that experience to comment on their kits.

In addition, I'd rather characterize my positive experiences with a vendor, and will not be the first to say that Dick at OHR is about the nicest person to deal with, and his kits are first rate! I am also beginning to form that view of MXM.

As I recall, someone asked about Ramsey kits as a potential learning experience, and I wanted to offer my experience to help with a future decision.

Let's hear it for good quality QRP kits and projects, and I hope to work all of you with my OHR 30m Explorer II, MXM 40m, or my 40-9er! And yes, I'd be happy to move on to a different thread.

73s es cul

Fred Ringwald   913-242-4829
2228 Labette Road   fred@ott.net
Ottawa, KS 66067-8977   AB0AE

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: lhalliday@creo.bc.ca
Subject: [5209] Re[2]: 2m cw
Message-ID: <9602048259.AA825975514@mail.creo.bc.ca>

Ed suggests:

> There is a design in Solid State Design for the Radio Amateur for a
> DSB/CW exciter using an 18 mhz. VXO multiplied to 2 meters with
> doublers and ending at about 250 mw. Might be a good starting place
> for this goal. Good, solid Wes Hayward design.

There is a simpler way. Build the VXO from KK7B's R1/R2/T2 wrapup

article (QST, May 1993). Add a brick salvaged from a defunct VHF commercial radio and you have a transmitter. Couple some of the VXO output to a nice direct conversion receiver and you have receive capability. For SSB, use a T2 or other useful exciter (there are some neat Weaver designs kicking around too). DSB is trivial.

The most expensive single part is likely to be the crystal for the VXO. The other bits (74HC04, 78L06, 5082-2800, MAV-11) should be junkbox items. You'll need some inductors (Toko MC122, 108 nH - Digi-Key, etc.) and some little capacitors (I used one of Radio Shack's small value capacitor assortments). I built mine dead bug style; it worked correctly the first try, and with a smallish tuning capacitor has a 35 kHz tuning range on 2m. With a bigger tuning capacitor you can achieve 50 kHz tuning range...

Have fun!

Laura Halliday VE7LDH
lhalliday@creo.bc.ca
ve7ldh@amsat.org
Locator: CN89mg

"C'est une femme mutine, assez elegante, grave et legere, ayant le sens du confort et du plaisir en tout." - C. Deneuve

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Brad Mugleston <bmug@gwl.com>
Subject: [5188] Still no Bananas
Message-ID: <199603041506.AA00435@gp-ipc54.gwl.com>

Gang,

de KB0ROL QTH Aurora, CO - thanks for all the help and I believe we have discovered why I still have no QSO's under my belt. The comment was made if I was zero beating correctly - and I thought I was but I had my son (KB0SJY) show me how he was tunning and I listened to the tone he had and GUESS what his tone was MUCH higher than mine so theory has it that I was responding to your CQ's below your frequency - gee I wonder why no one heard me.!.

Any way, over the weekend (before and after the wonderful Colorado QRP meeting - thanks for the presentation from the ARRL and all the really neat toys for show and tell) I worked on my tone. Never did get anyone to answer my reply to there CQ's but I did get two replies to mine - dont get excited they were lost to QRM - Why is it that when you search and search for a clear spot to call CQ it stays quite until someone actually calls you back then out of no where there are 5 QSO's going on right on your frequency.

Ill tell you though, it is great to hear your call comming back to you.

Well maybe tonight

Thanks

de KB0ROL, Brad

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: N5EM@aol.com
Subject: [5204] Re: 2m cw
Message-ID: <960304151359_159886260@emout04.mail.aol.com>

In a message dated 96-03-04 13:10:44 EST, you write:

>There has been some talk from time to time about this. I have not
>yet built such a rig although I have considered it more and more
>recently. I am particularly interested in a 5 watt cw transmitter
>that hit a satellite. I think the rig could be VXO'ed. (crystal
>controlled with some tuning adjustment... could probably tune 50 to
>100 KHz on 2m). That would be cheaper and easier than a PLL rig and
>more stable than a VFO rig.
>
>

There is a design in Solid State Design for the Radio Amateur for a DSB/CW exciter using an 18 mhz. VXO multiplied to 2 meters with doublers and ending at about 250 mw. Might be a good starting place for this goal. Good, solid Wes Hayward design.

I was planning to use a Hamtronics transmitting converter at about $100 with a 15 meter QRP rig (GM-15 I am building) but would gladly entertain another option.

72
Ed Manuel, N5EM

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [5214] Re: 2m cw
Message-ID: <199603050247.VAA21749@brutus.bright.net>

The R2 (or miniR2) / T2 / LM2 combination will give you a couple of
milliwatts on 2m - CW or SSB. VXO controlled - up to 200 khz range.

see the URL below for more info.
73

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
http://qrp.cc.nd.edu/kanga/

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: "N1OOQ Tom R. @ MRO1 04-Mar-1996 1234" <randolph@est.ENET.dec.com>
Subject: [5194] re: 40673 Any modern day versions
Message-ID: <9603041746.AA18028@us4rmc.pko.dec.com>

Stan,
Here's a list of all known (to me) dual-gate MOSFETs still for sale:

Type	Price	Where
MFE201	$1.24	Newark
3SK39	1.33	MCM Electronics
3SK73	1.52	MCM Electronics
3SK74	1.95	RF Parts
3SK45	2.70	RF Parts
NTE454	2.82	Mouser
NTE221	2.85	Ckt Specialists
3SK72	2.93	RF Parts
3SK51	3.25	MCM Electronics

Also available:

Type	Price	Where	Type	Price	Where
3SK73	$3.73	RF Parts	3N212	5.95	RF Parts
NTE222	3.90	Ckt Specialists, Mouser	3N213	5.95	RF Parts
3SK40	3.93	RF Parts	40673	5.95	RF Parts
TA7274	3.99	MCM Electronics	TA7150	5.99	MCM Electronics
3SK40	3.99	MCM Electronics	3SK48	6.04	MCM Electronics
3N200	5.90	Ckt Specialists	3N201	9.50	MCM Electronics
3N204	5.95	RF Parts	3N200	?	RF Parts
3N211	5.95	RF Parts			

So, you can still get the 40673 from RF Parts if you're willing to pay
$6 a pop for them...

Here's the vendor info:

Circuit Specialists
P.O. Box 3047
Scottsdale, AZ 85271-3047
(800) 528 1417   (602) 464 2485
(602) 464 5824 FAX

MCM Electronics
650 Congress Park Dr.
Dayton, OH 45459-9955
(800) 543 4330
(513) 434 6959 FAX

Mouser Electronics
2401 Hwy 287 North
Mansfield, TX 76063-4827
(800) 34 MOUSE
(201) 328 7120 FAX east
(619) 449 6041 FAX west
(408) 842 7375 FAX northwest
(817) 483 0931 FAX central

RF Parts $20 min
435 South Pacific St.
San Marcos, CA 92069
(800) RF PARTS   (619) 744 0700
(619) 744 1943 FAX

Newark Electronics $25 min   This is a "real distributor" that will take
7500 Viscount Ave.   small orders. They have some things that can't
El Paso, TX 79925-5649   be found easily elsewhere, or they can get
(915) 772 6367   them. They have many sales offices around the
(915) 772 3192 FAX   USA.

==
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL   randolph@est.enet.dec.com
==

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [5178] Re: 49er
Message-ID: <Pine.3.89.9603032104.A11667-0100000@netcom22>

Ok, Ok. You guys were probably right -- I probably should have sent in my $1 and ordered a fotocopy of the article. But instead, I heeded the advice of another (whose name I promptly forgot) who advised me to plunge ahead and use the silk-screened board with the parts list. I didn't have all the parts (still missing a 5v reulator, one RFC, and 2-trimmers + both chips). I wired per silkscreen and it's looking pretty good. But without a schematic I'm still a little lost (my revcerse engineering skills SUCK). I have figured out that C6 appears to be the VXO trimmer. I think I'll replace it with a variable cap and get the ability to QSY by tweaking a knob on the front panel (I'll let you know about hand capacitance when I get it installed). C2, I'll presume, peaks the RCVR and a board mounted trimmer for that will be just fine. Since I ordered two boards, the second one will be for a 3.579 colorburst xtal 80M rig. N6KR said the rough rule of thumb is to double the L and double the C for all the RF circuits. Looks like there might be shelf-model-components from Mouser to fill that bill. I'm very eager to find out what success others have had when they finished theirs! Please write !!!

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [5183] Re: 49er
Message-ID: <199603041403.HAA00839@usr2.primenet.com>

At 09:37 PM 3/3/96 -0800, Alan Kaul wrote:
>Ok, Ok. You guys were probably right -- I probably should have sent in
>my $1 and ordered a fotocopy of the article.
> I have figured out that C6 appears to be the VXO trimmer.
>I think I'll replace it with a variable cap and get the ability
>to QSY by tweaking a knob on the front panel (I'll let you know about
>hand capacitance when I get it installed). C2, I'll presume, peaks the RCVR
>and a board mounted trimmer for that will be just fine.

So far, so good. You're right abt C6 and C2....I got lazy and didn't replace C6, but might do it later. There's only abt 5 kHz swing, so it's no big deal to pop the lid while tuning, then close it up.

Having fun with mine, endlessly sending CQ with no answers. I think the right tactic is to find someone and answer them....will try that next.

GL es 72/73, de Roger AA7QY

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: John Dundas <ab6dg@netcom.com>
Subject: [5195] Re: 49er
Message-ID: <Pine.3.89.9603040944.A28186-0100000@netcom13>

Alan--

Yes, C6 is the VXO trimmer. And Pete (W6ZH) and I were planning on using a variable cap in its place also. However, we found that it is very difficult to find a reasonably sized variable with the capacitance range of that little C6 trimmer. I'm thinking of sticking with the trimmer, and punching a little hole in the Altoids so I can adjust it. The maximum tuning range with the trimmer is only 5 Kc (or 5 MHz for younger folk), so a smaller value cap may cut that down too far.

And we're still looking for you at one of the local swapmeets!

72/3
John
AB6DG

On Mon, 4 Mar 1996, Alan Kaul wrote:
> skills SUCK). I have figured out that C6 appears to be the VXO trimmer.
> I think I'll replace it with a variable cap and get the ability
> to QSY by tweaking a knob on the front panel (I'll let you know about

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Pat Taber <ptaber@logicraft.com>
Subject: [5181] Re: Altroids box competition bogus nonsense...
Message-ID: <199603041338.IAA78882@nss2.CC.Lehigh.EDU>

Che chips - check!

RS component sweepings - check!

Big signal - natch!

Flawless CW - as long as I can use old solid copper pennies and not the copper-clad type (at 40wpm the cladding flies off.)

Short antenna, witnesses and time-flux postage meter - check.

But where the hell am I supposed to find an Altoids box? 8-landers -- Jeeze can't let 'em design contests....

>>>==>PStJTT

==========
Patrick Taber   Email: ptaber@logicraft.com
Principal Software Engineer   Phone: (603) 880-0300
Logicraft Information Services   Fax: (603) 880-7229
22 Cotton Road
Nashua N.H. 03063   Also known as: KC1TD

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: cummings.jim@ic.gc.ca (Cummings, Jim: DGRB)
Subject: [5180] RE: Icom 751A on QRP?
Message-ID: <1996Mar04.082900.1255.506142@mspost.ic.gc.ca>

Dave:

I have the 751, a slightly older version, but I would recommend the rig none the less. I have worked over 60 countries QRP digitally with mine.

73 an live better digitally
Jim, VE3XJ

From: nf0r
Subject: Icom 751A on QRP?
From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [5203] Re: Icom 751A on QRP?
Message-ID: <Pine.SUN.3.91.960304131112.4723C-100000@ume>

On Fri, 1 Mar 1996 nf0r@slacc.com wrote:

>
> I've got a chance to pick-up a pretty decent Icom 751A at a fair price.
>
> Your advice and counsel will be sincerely appreciated.

I have used one for 8 years and have 200 plus confirmed QRP ssb/cw.
I have the extra IF filters and highly reccomend you add these if not
included. (especially for cw). Its noisier than current state of the art
but an outboard DSP (I use a NIR 10) makes it as good on recieve as
anything else I have used (765, ft1000b etc).
I have the interface for computor control for contesting.
Have never had any problems so far. (Dare I say this?)
Qrp easy with internal mod (some will go down to 5 watts without
adjustment internally) or else use the alc mod discussed last year in
ARCI quarterly etc.

In short, I regularly change antennas but have no need to change rigs!>

Dr. Rick Zabrodski BSc, MD, CCFP(E)   *   VE6GK
Clinical Assistant Professor   *   NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Steve Thompson <kj7dn@primenet.com>
Subject: [5201] Re: INFO NEEDED: TEMP OPERATING IN SPAIN
Message-ID: <Pine.BSD.3.91.960304124825.4013H-100000@usr2.primenet.com>

On Mon, 4 Mar 1996 Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov wrote:

>   Would anyone have information or conections concerning aquiring
>   temporary operating license for SPAIN....
>

Hi Rich:

Recently, I had the same type of need in getting info for temp operating
in Ireland. I will be there in several weeks.

I got some prompt info in the mail by simply requesting it from the
ARRL. You can e-mail to hq@arrl.org to get some help.

73 es GL,

Steve

+--+
| _________ |
| Steve C. Thompson - KJ7DN/AE ____/____ E-mail kj7dn@primenet.com |

| Manager of Info. Technology ____/____   steve@cpginc.com |
| Continental Promotion Group ____/H___ |
| Tempe, AZ, USA   H   Proud builder of the OHR |
| H   WM-1 and Explorer II 40M |
| H |
| 602.731.3535   H   QRP-L #259 scQRPions #1 |
| H   NWQRP #387 NorCal #1516 |
| |
+---+

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [5207] Re: INFO NEEDED: TEMP OPERATING IN SPAIN
Message-ID: <199603042053.NAA05482@usr5.primenet.com>

At 02:39 PM 3/4/96 EST, Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov wrote:
>   Would anyone have information or conections concerning aquiring
>   temporary operating license for SPAIN....
>
Rich, give the ARRL a call. They can give you what info you need
over the phone.

72/73, de Roger, AA7QY

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [5192] RE: MXM-40 Kit Building Experience
Message-ID: <960304123150.23e310ee@carib.vf.mmc.com>

Gary (and the qrp-l gang),

Lord I hate to do this, but couldn't resist. (Flame shield engaged and bs
deflector in place).

In your tale of the new MXM rig you wrote, in part:

>Before starting up the soldering iron, I sorted the IF section parts and
>stuck the ends into a sheet of styrofoam to cut down on my tendency to wire
>the wrong parts into the wrong places.

Well that's a good idea, except that instead of styrofoam you really oughta
use that black crumbly anti static foam if you ever do this with any

semiconductors. Yeah, I've heard all the tales about "Well I never bothered with any of that static electricity nonsense and I never had a problem." It sounds like todays's teenagers saying "All the kids are doing it and none of them ever got _____."

Lemme tell you a story form Joe's Archives. Seems back in the year nineteen ought sixty something, I worked for a semiconductor evaluation group in a large military/aerospace contractor. We had been characterizing some of theose new-fangled Metal Oxide Semiconductor (MOS) devices. All went well for months and months, then all of a sudden we found a goodly number of incoming devices that were DOA. We communicated with our vendor and were told that it was impossible since after final test, they went right from the test fixture directly into the shipping containers.

We sent a Quality Control guy out to watch the process and he verified that "Yep, they came right out of the test fixture, were stuck into styrofoam in the shipping container and I hand carried them from there."

You guessed it, they were msotly defective. Upon visual analysis, we found that the metal gate oxides were indeed punctured by overvoltage discharges. some lab testing revealed the cause. Seems that just pushing the leads into highly insulating material like sytrofoam generates substantial static electric voltages. The very act that was supposed to protect them was instead destroying them!

Why hadn't we seen it earlier? Well that's because we received the first devices during the summer months when humidity was high and static problems minimal. As fall and winter came on with lower humidity, the failure rate went up commensurately.

Since this was the days before conductive foam, we settled on slipping wire clips over the leads to short them together. This got around most of the infant mortality problems.

So whenever I hear "Static never destroyed a part" and "That's too much bother", I think back to that time. yes, Virgina, static does kill semis. And it's best to take prophylactic measures.

Sorry I ran on about this but it just hit one of mmy "hot keys." :-).

72/73 and happy building,

Joe E., N2CX

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5179] Re: Noise cancellation
Message-ID: <Pine.SOL.3.91.960304070231.11935A-100000@utkux4.utcc.utk.edu>

I, for one, hope that the results of these experiments will be published
in QQ or QRPp, especially for those who may lose parts of the thread
along the way. So far, I'm learning lots.

-73-
LB, W4RNL

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [5186] RE: Plural of "y'all"
Message-ID: <01BB09AA.E564CF20@muenzlerk.uthscsa.edu>

WJ4PRandy@aol.com wrote:
>I saw Paul's (aa4xx) Knightlite posting and couldn't resist
>passing along something I learned in Texas a couple of
>weeks ago...
>
>The   plural   of   "y'all"   is   "all-y'all".
>
>73, Randy WJ4P
>
No Randy.
Actually "y'all" is either singular or plural depending on the whether you are
speaking
to one person or several. If you really want to get technical about it, "y'all"
is always
plural. When a Texan is speaking to one person and uses the term "y'all" he is
referring to that person, all his family and/or all his friends whether present or
not.
"All-y'all" is an expletive form of "y'all" that is generally used with a raised
voice.

73, y'all!
Kevin, WB5RUE

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Frank Forsyth <aa8vn@sun.tir.com>
Subject: [5217] Re: Plural of "y'all"

Message-ID: <9603050351.AA21894@sun>

At 11:12 PM 3/3/96 EST, you wrote:
>Hi Y'all,
>
, no, I mean rat like in rat now!" The "twang's the thang" when it comes
>to speaking southern. All y'all have fun, ya hear! Bye-bye.
>
>

>David, I sure you didn't mean any harm by it but "Southern Accent" is a misnomer. There are instead "regional dialects".

What I find interesting is the ridicule often meant as harmless fun in pointing out the differences in someone local mannner in speaking the English language.

As someone who was born in the Kentucky (Mountain William a.k.a. hill billy) but living in Michigan most of my life I have had to put up with a certain amount of harrassment because of certain speech patterns. As a trial attorney I have developed keen ear in listening to not only what a witness may say but "how" something is said. Clearly one's speech patterns differ in various regions of the country, sometimes even in one area of a state such as southern Ohio vs. northern Ohio. If you think about it, however, no one dialect is superior to another--just different. The terms "twang" or "drawl" defy intelligent meaning.

I guess that is why I like CW.

 "C-ya" (that is Michigander for SEE YOU).

 Frank Forsyth AA8VN Port Huron, Mi.
     MQRP #1200 NorCal#1204
     ARCI #8848 G-QRP (can't remember)

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [5197] Re Ramsey
Message-ID: <1996Mar04.131618.21094@abs.net>

For what it's worth, I just got a copy of the index for the April QRP Quarterly, which will hit the streets some time in the future, and page 34 has my article on adding a low pass filter to a friends Ramsey 40M

transmitter since the second harmonic was only down from the fundamental by 20 dB--as seen on two different communications service monitors and confirmed on an HP spectrum analyzer, and just recently reconfirmed on another HP spectrum analyzer. To be FCC legal, it must be at least 30 dB down, and the modified rig with my added low pass filter exceeds that by a considerable margin. And the Ramsey was built properly, with the parts in the proper places, and I verified that the parts really were of the correct values. When I told N8CQA that we might catch some flak from Mr. Ramsey himself, he told me that he's caught lots of flak already from things the Michigan QRP Club has printed about Ramseys :-) I have not tested other Ramsey transmitters so can't comment on their harmonic suppression, but this particular 40M version, properly constructed with proper component values as specified in the manual, falls FAR short of being FCC-legal. I'm sorry, I cannot defend the Ramsey design. 73 and Queue Our Pea DE WA8MCQ
wa8mcq@bbs.abs.net
--
Mike Czuhajewski, user of the UniBoard System @ abs.net
E-Mail: Mike.Czuhajewski@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996
From: "N1OOQ Tom R. @ MRO1 04-Mar-1996 1053" <randolph@est.ENET.dec.com>
Subject: [5187] re: Sloppy CW & Lids
Message-ID: <9603041607.AA12084@us4rmc.pko.dec.com>

> Next vome the OM's who have problems controlling their fists simply
> Then comes the "lid" that is trying to learn a new keyer, or bug.

Nerves are an occasional factor, too... I totally blew my keying the other night for that reason. Too much building, not enough operating, I guess. I've been trying to make up for that lately! My code speed has gone down a bit since I passed the tests...

The op on the other end stuck with me, though. We managed a short chat. I'm up to 8 states and 2 countries so far! Got a genuine 599 report from Atlanta (I'm west of Boston) last night with my 4 watts!

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
==========

From qrp-l@lehigh.edu Mon Mar 4 22:37:13 1996

From: Roger.Pease@Eng.Sun.COM (Roger Pease)
Subject: [5189] Re: [5055] 49er project--Breaking the Ice
Message-ID: <9603041639.AA03929@immigrant.eng.sun.com>

> From: DYARNES@aol.com
> Message-ID: <960301234742_436028342@emout09.mail.aol.com>
>
> [...] Now if you have ever shopped at
> The Price Club you know that rarely, if ever, can you buy just one of
> anything in this category. Usually you have to acquire a lifetime supply!
> This is no exception. You must buy not one, not two, not three.....but
> twelve boxes of Altoids. Ah, but the price--only $8.99 for a whole dozen.
> [...]
> Anybody want an Altoid?

Is this the QRP-L Altoids group buy?? :^) _RP

Roger M. "QR" Pease - KE6PPI - pease@Sun.COM